

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: **P3440**

Client: **JACOBS Engineering Group, Inc.**

Analytical Method: **SW8260-Low**

		Sample		Rec			RPD		Limits		
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID :	P3440-02MS	Client Sample ID :	923-K1-WS-080124MS					Datafile :	VN083252.D		
Dichlorodifluoromethane	50	0	48.6	ug/L	97				40 (73)	160 (120)	
Chloromethane	50	0	51.0	ug/L	102				40 (58)	160 (133)	
Vinyl chloride	50	0	52.9	ug/L	106				70 (69)	130 (125)	
Bromomethane	50	0	50.3	ug/L	101				40 (28)	160 (165)	
Chloroethane	50	0	53.4	ug/L	107				40 (70)	160 (141)	
1,1,2-Trichlorotrifluoroethane	50	0	50.2	ug/L	100				70 (75)	130 (117)	
1,1-Dichloroethene	50	0	49.8	ug/L	100				70 (53)	130 (162)	
Acetone	250	4.90	240	ug/L	94				40 (44)	160 (150)	
Carbon disulfide	50	0	44.2	ug/L	88				40 (44)	160 (135)	
Methyl tert-butyl Ether	50	0	52.8	ug/L	106				70 (82)	130 (133)	
Methylene Chloride	50	0	49.1	ug/L	98				70 (79)	130 (115)	
trans-1,2-Dichloroethene	50	0	49.7	ug/L	99				70 (76)	130 (118)	
1,1-Dichloroethane	50	0	53.9	ug/L	108				70 (78)	130 (122)	
Cyclohexane	50	0	46.8	ug/L	94				70 (71)	130 (119)	
2-Butanone	250	0	240	ug/L	96				40 (67)	160 (137)	
Carbon Tetrachloride	50	0	51.0	ug/L	102				70 (66)	130 (133)	
cis-1,2-Dichloroethene	50	0	52.3	ug/L	105				70 (82)	130 (124)	
Chloroform	50	0	55.8	ug/L	112				70 (83)	130 (119)	
1,1,1-Trichloroethane	50	0	54.1	ug/L	108				70 (83)	130 (117)	
Methylcyclohexane	50	0	43.7	ug/L	87				70 (64)	130 (120)	
Benzene	50	0	50.3	ug/L	101				70 (81)	130 (128)	
1,2-Dichloroethane	50	0	52.0	ug/L	104				70 (76)	130 (120)	
Trichloroethene	50	0	48.7	ug/L	97				70 (28)	130 (175)	
Bromodichloromethane	50	0	50.7	ug/L	101				70 (54)	130 (157)	
Toluene	50	0.71	51.0	ug/L	101				70 (85)	130 (115)	
1,1,2-Trichloroethane	50	0	52.3	ug/L	105				70 (27)	130 (175)	
Dibromochloromethane	50	0	52.7	ug/L	105				70 (59)	130 (164)	
Tetrachloroethene	50	0	46.0	ug/L	92				70 (48)	130 (153)	
Chlorobenzene	50	0	49.6	ug/L	99				70 (85)	130 (114)	
Ethyl Benzene	50	0	49.7	ug/L	99				70 (81)	130 (128)	
m/p-Xylenes	100	0	99.8	ug/L	100				70 (69)	130 (129)	
o-Xylene	50	0	49.7	ug/L	99				70 (75)	130 (127)	
Isopropylbenzene	50	0	48.6	ug/L	97				70 (76)	130 (121)	
1,4-Dichlorobenzene	50	0	48.4	ug/L	97				70 (81)	130 (111)	
1,2-Dichlorobenzene	50	0	49.8	ug/L	100				70 (82)	130 (113)	